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Chapter 7 Other Information Input

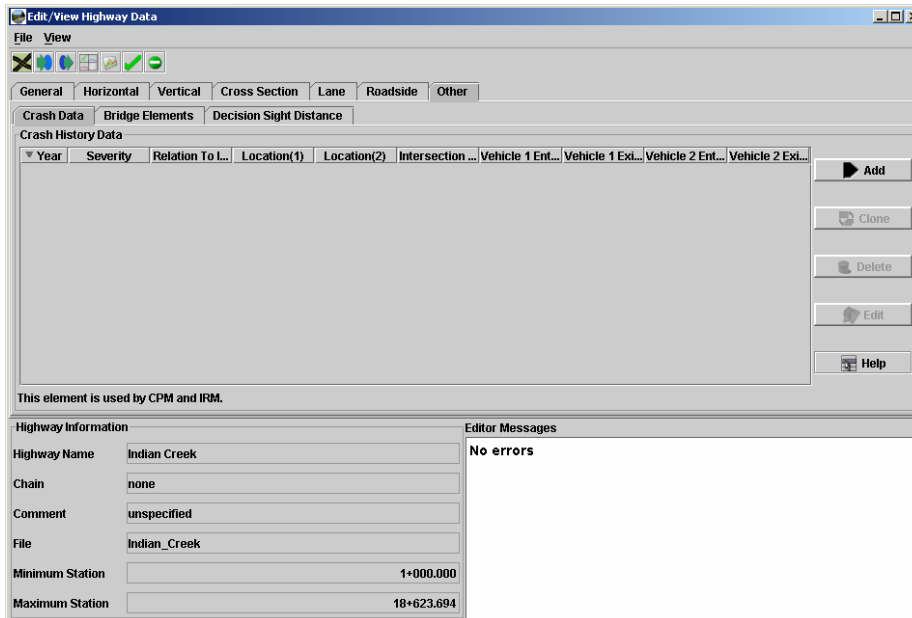
From the Other Information tab in the Edit/View Highway Data dialog box the following information may be input:

- Crash Data
- Bridge Elements
- Decision Sight Distance

The following workflows will guide the user on how to input each set of data using IHSDM. The title of the workflow will also indicate the modules that use that data in parenthesis. Therefore, if the user does not want a certain module, they will not waste time importing data that is not needed.

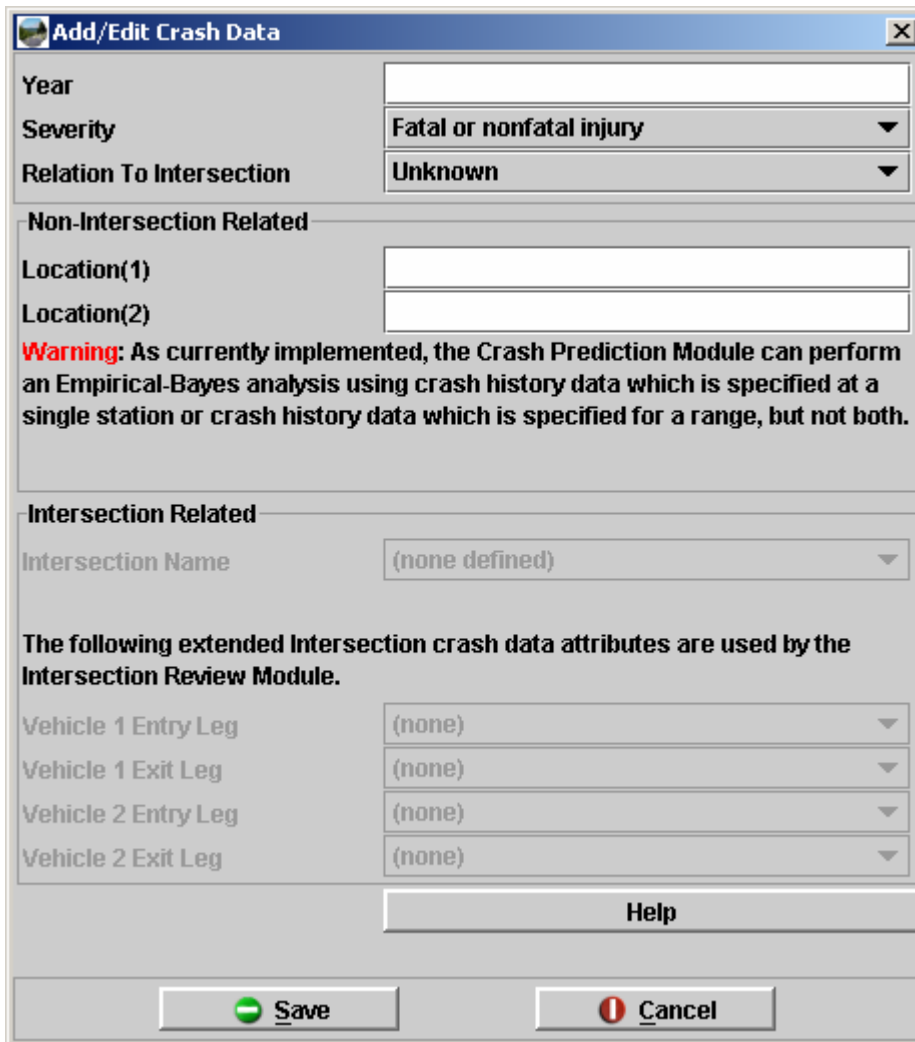
Workflow 1: Crash Data (CPM, IRM)

1. Pick the Edit/View Highway Data button  while in the Main IHSDM Dialog box. This dialog box is shown in step 16 of [workflow 2 in chapter 2](#).
2. Click on the Other>Crash Data tabs and the following dialog box will appear:



The screenshot shows the 'Edit/View Highway Data' dialog box with the 'Other' tab selected. The 'Crash Data' sub-tab is active, displaying a 'Crash History Data' table with columns: Year, Severity, Relation To L..., Location(1), Location(2), Intersection ..., Vehicle 1 Ent..., Vehicle 1 Exd..., Vehicle 2 Ent..., and Vehicle 2 Exd.... To the right of the table are buttons for Add, Clone, Delete, Edit, and Help. Below the table, a message states 'This element is used by CPM and IRM.' At the bottom, there is a 'Highway Information' section with fields for Highway Name (Indian Creek), Chain (none), Comment (unspecified), File (Indian_Creek), Minimum Station (1+000.000), and Maximum Station (18+623.694). An 'Editor Messages' section on the right shows 'No errors'.

Pick the Add button at the right of the dialog box to get the following dialog box:



Add/Edit Crash Data

Year

Severity **Fatal or nonfatal injury** ▼

Relation To Intersection **Unknown** ▼

Non-Intersection Related

Location(1)

Location(2)

Warning: As currently implemented, the Crash Prediction Module can perform an Empirical-Bayes analysis using crash history data which is specified at a single station or crash history data which is specified for a range, but not both.

Intersection Related

Intersection Name **(none defined)** ▼

The following extended Intersection crash data attributes are used by the Intersection Review Module.

Vehicle 1 Entry Leg **(none)** ▼

Vehicle 1 Exit Leg **(none)** ▼

Vehicle 2 Entry Leg **(none)** ▼

Vehicle 2 Exit Leg **(none)** ▼

Help

Save **Cancel**

Fill in the proper information and pick Save. Notice the warning in the middle of the dialog box. All data needs to be within a station range or at single stations. Additional data can be added by simply picking the Add button again.



Since most projects have a large amount of accident data to import, it is recommended that the user uses the Excel method described in Workflow 4

Workflow 2: Bridge Elements (PRM)

1. Click on the *Other>Bridge Elements Tabs* of the *Edit/View Highway Data* dialog box to get the following dialog box:

Pick the Add button to get the following dialog box:

Fill in the proper information and pick Save. If there are additional Bridges within the project, additional lines can be added by simply picking the Add button again.

Decision Sight Distance

This tab allows the user to input locations where a stop or speed/path/direction change maneuver must be completed. The avoidance maneuver type a driver has to perform are described as follows:

- A - stop on rural road
- B – Stop on urban road (Not Supported)
- C - speed/path/direction change on rural road
- D – Speed/path/direction change on suburban road (Not Supported)
- E – Speed/path/direction change on urban road (Not Supported)

Workflow 3: Decision Sight Distance (PRM)

1. Click on the Other>Decision Sight Distance Tabs of the Edit/View Highway Data dialog box to get the following dialog box:

The screenshot shows the 'Edit/View Highway Data' dialog box with the 'Decision Sight Distance' tab selected. The 'Decision Sight Distance Elements' table is empty. The 'Highway Information' section shows: Highway Name: Indian Creek, Chain: none, Comment: unspecified, File: Indian_Creek, Minimum Station: 1+000.000, Maximum Station: 18+623.694. The 'Editor Messages' section shows 'No errors'.

2. Pick the Add button to get the following dialog box:

The screenshot shows the 'Add/Edit Decision Sight Distance' dialog box. The 'Station' field is empty. The 'Maneuver Type' dropdown menu is set to 'A - stop (rural road)'. There is a 'Help Items' button and 'Save' and 'Cancel' buttons at the bottom.

Fill in the proper information and pick Save. If there are multiple locations within the project, additional lines can be added by simply picking the Add button again.

Using an Excel file

The Excel file with the correct format for importing Other Information into IHSDM is DEA.Other.xls. This file can be found in:

N:\Standards\IHSDM\

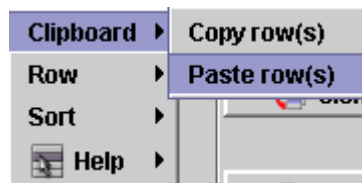
or on the CFLHD web site at the following link:

<http://www.cflhd.gov/ihsdm.cfm>

When you open this file, there is a read me worksheet and the 3 other worksheets that will be used to input all the other information. Each worksheet will describe what each variable is and what it is used for. The following workflow will describe the process for entering this information into IHSDM.

Workflow 4: Excel Input

1. *Enter the correct data in the Excel spreadsheet.*
2. *Highlight the entered data and go to Edit>Copy.*
3. *Click on the General Tab of the Edit/View Highway Data dialog box.*
4. *Pick the corresponding tab for the data to be inserted.*
5. *Pick the Add button.*
6. *Put dummy information in the data fields. Pick the Save button. This creates a line in the Edit/View Highway Data dialog box. The user will delete this line after the correct information is imported.*
7. *With the mouse over the line just put in, right mouse click to get the following dialog box:*



8. *Choose Clipboard>Paste row(s). The information will be loaded into IHSDM.*
9. *Delete the line with the incorrect data.*



Notice that this procedure is most useful when there are more than a couple of lines of data.